

# Protecting Our Water Environment

## Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611

312 / 751-5600

CECIL LUE-HING

Director of Research & Development

October 18, 1991

~~Mr. Harry Chappel, Manager~~  
~~Compliance Sub-Unit~~  
~~Compliance Monitoring Section~~  
~~Division of Land Pollution~~  
Control  
Illinois Environmental  
Protection Agency  
2200 Churchill Road  
Springfield, Illinois 62706

Dear Sir:

Subject: (Compliance)  
0316000011 - Cook County/Chicago  
Department of Streets and Sanitation  
103rd Street and Doty Avenue Landfill

Sludge was delivered to the Doty site in July, August, and September 1991. Table 1 enclosed presents the mean analysis of sludge delivered to the site during those three months.

Very truly yours,

*C. Lue-Hing*

Cecil Lue-Hing, D.Sc., P.E.  
Director  
Research and Development

CLH:JG:ns  
Enclosure

cc/enc: Cliff Gould (IEPA)  
DiVita  
Garbis  
Zenz  
Gschwind

EPA Region 5 Records Ctr.



300888

FILE

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*KWT*  
*NOT FOR BAA*  
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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE 1

MEAN ANALYSIS OF SLUDGE SHIPPED  
TO THE 103rd & DOTY LANDFILL CLOSURE SITE DURING  
THE THIRD QUARTER, 1991

Parameter	Units	Concentration
Number of samples		31
pH		7.2
Total solids	%	78.6
Total volatile solids	%	30.5
N-Kjeldahl	mg/dry kg	12,616
N-NH3	"	1,904
Total P	"	10,988
Zn	"	1,950
Cd	"	55
Cu	"	386
Cr	"	539
Fe	"	30,980
Ni	"	81
Pb	"	273
K	"	2,138
Na	"	560
Ca	"	81,761
Mg	"	21,313
Mn	"	749
Hg	"	1.0
Al	"	12,271